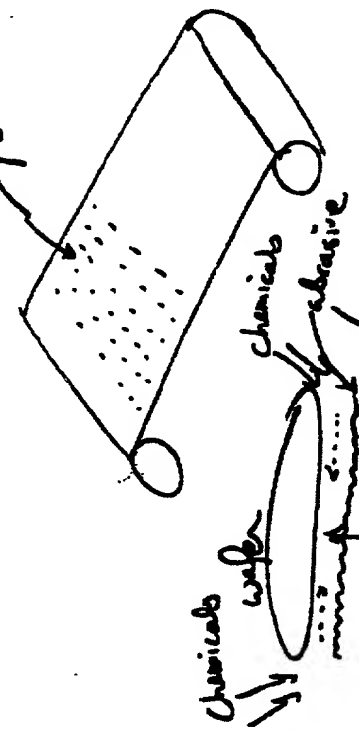


Vac. hold-down comes from conductance

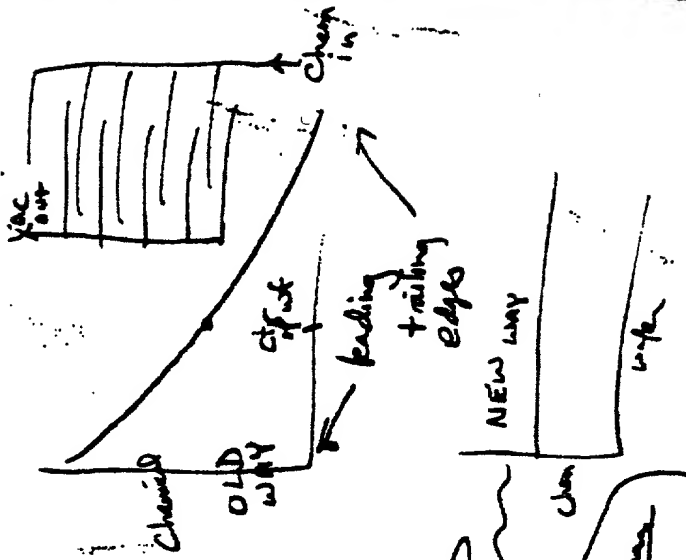
permeable

pressure drop across membrane



failure = air bubble ~~under pressure~~ air leaks out

FIG. 1



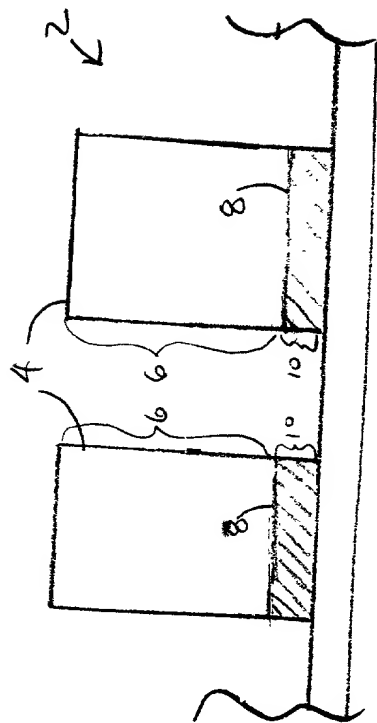
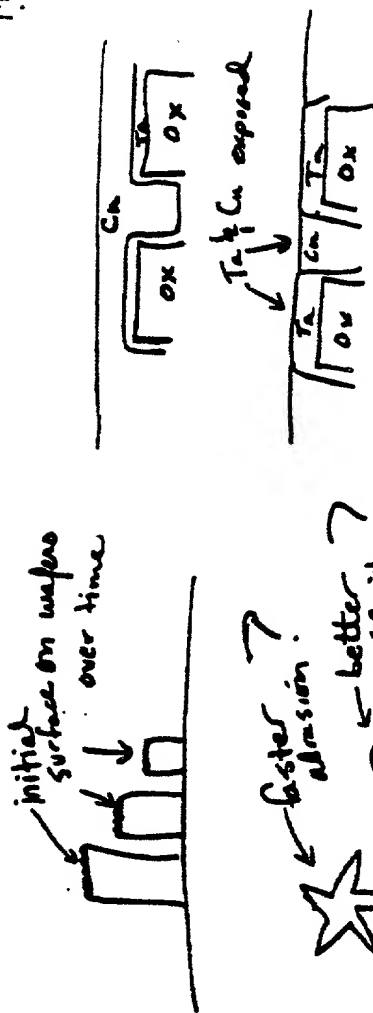


FIG. 2

Fig. 3





 faster admission? →
 → better university?

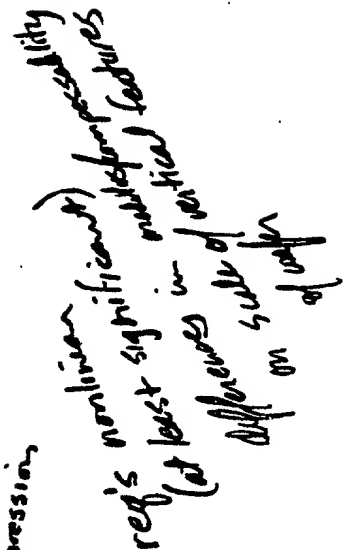
Diagram illustrating the relationship between circle size and division rate:

- Left circle (larger): labeled "better unsp."
- Right circle (smaller): labeled "better rates? (faster division)"

eg. web now is 500:1 on T_n
250:1 on oxide

maybe want 1:1:1 unselective

14



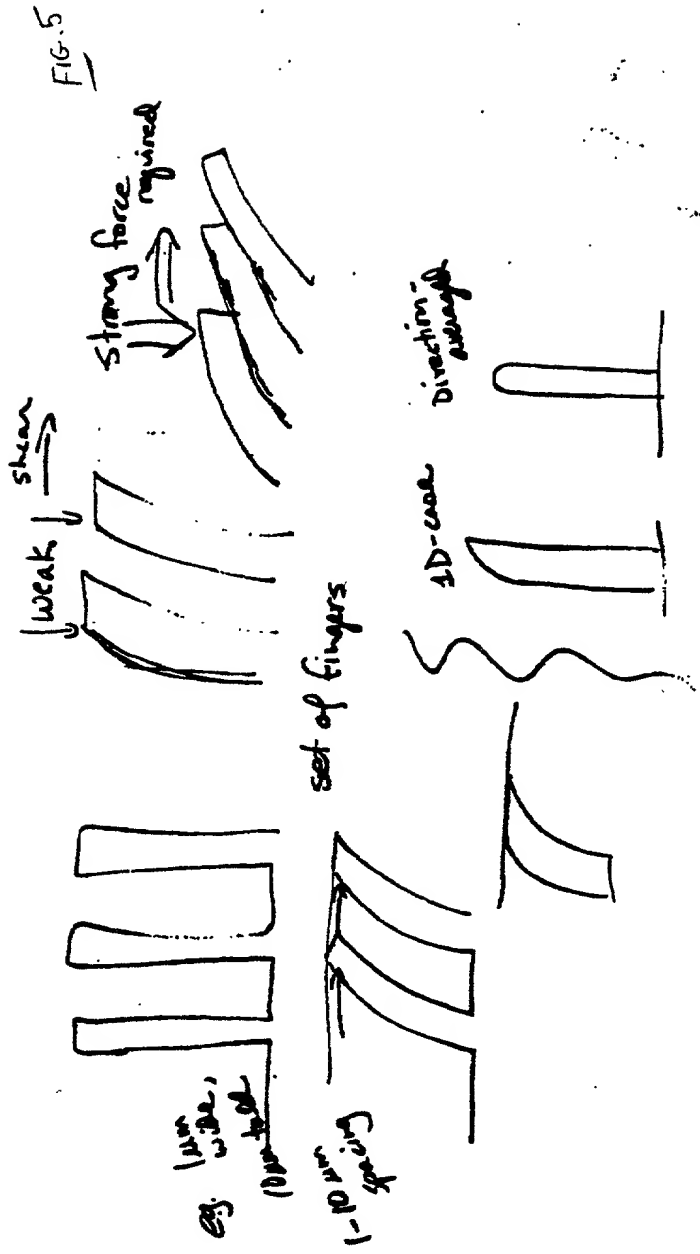
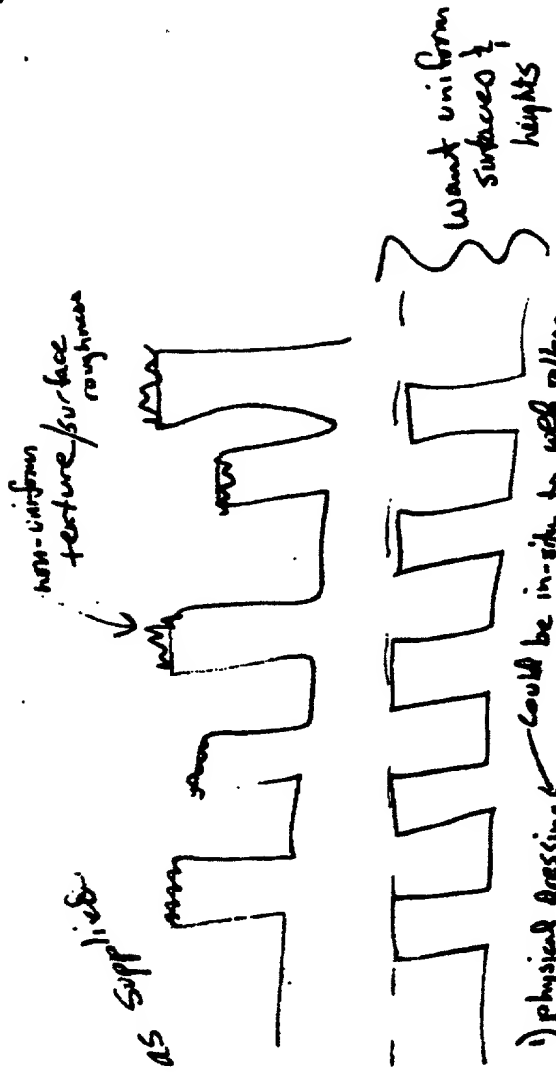


Fig. 6



- 1) physical dressing
- 3) laser to burn to even heights / melt to uniform texture

Postlude: initial state non-unif.
maybe lack of polishing debris : Solution: pre-seed of debris (slurry)

Fig. 7

ISRM shines laser through well

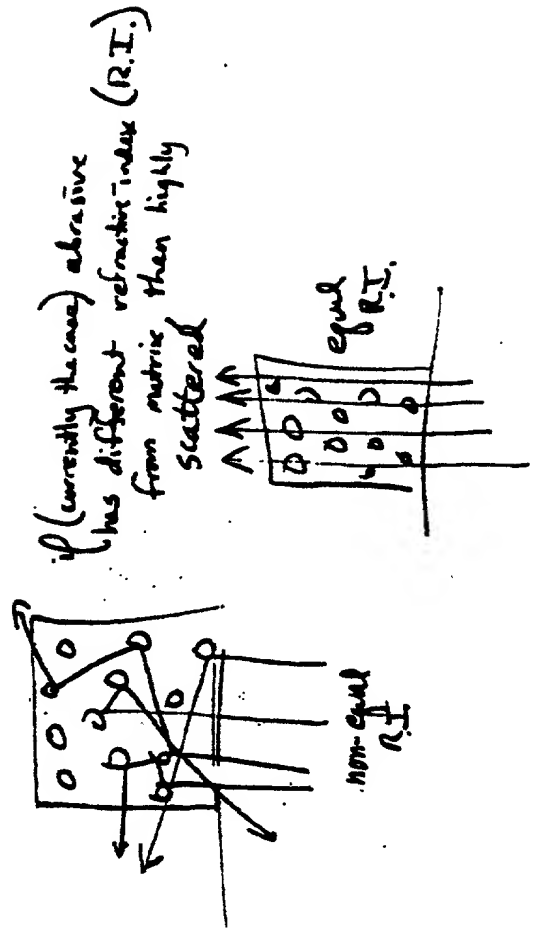


Fig. 8

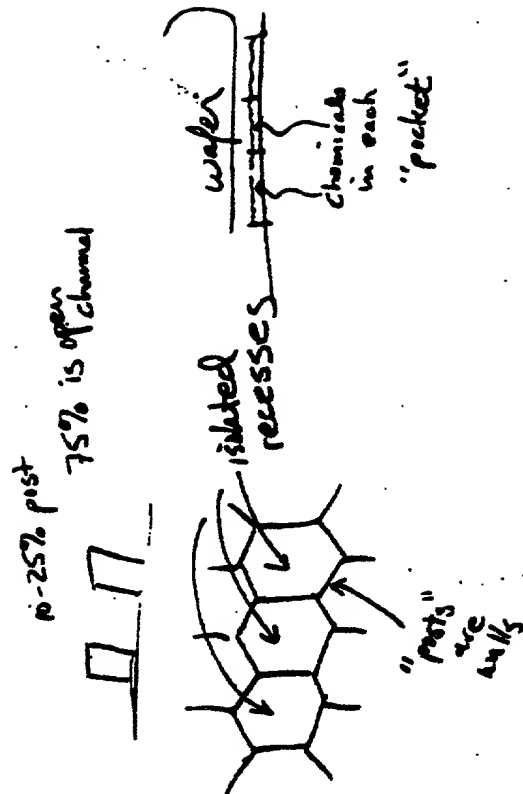


FIG. 9

change the behavior or
performance of well
in different regions
to alter the performance
, e.g., center-to-edge on the
wiper

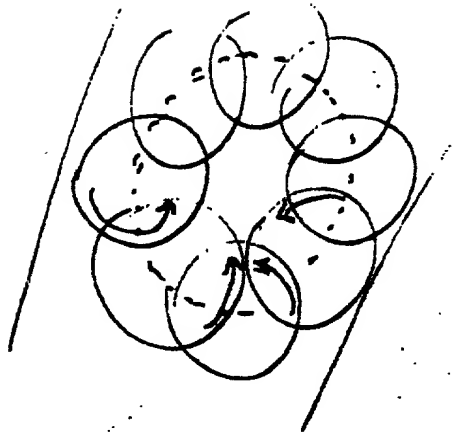


Fig. 10

Problem: current backing
(polyester?) sheds particles
on abrasion

Solution: non-shedding backing mat

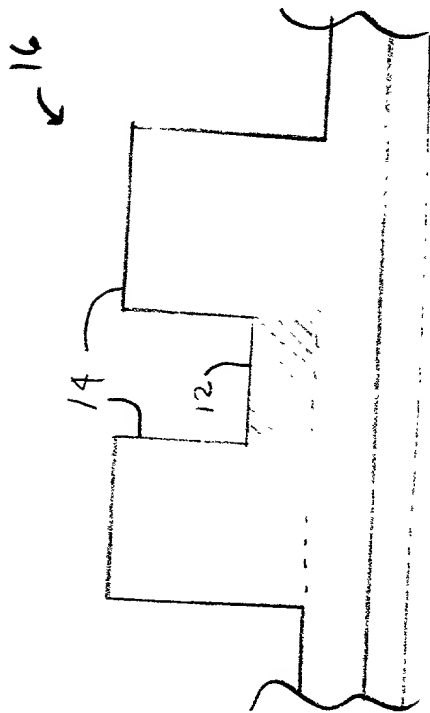


FIG. 11

21.6.7

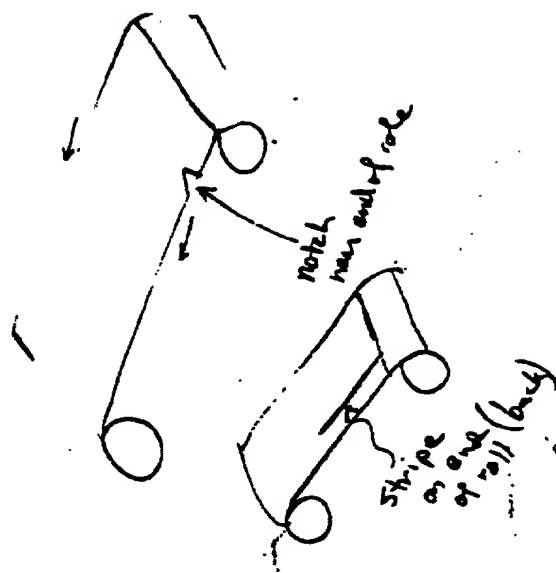


FIG. 20

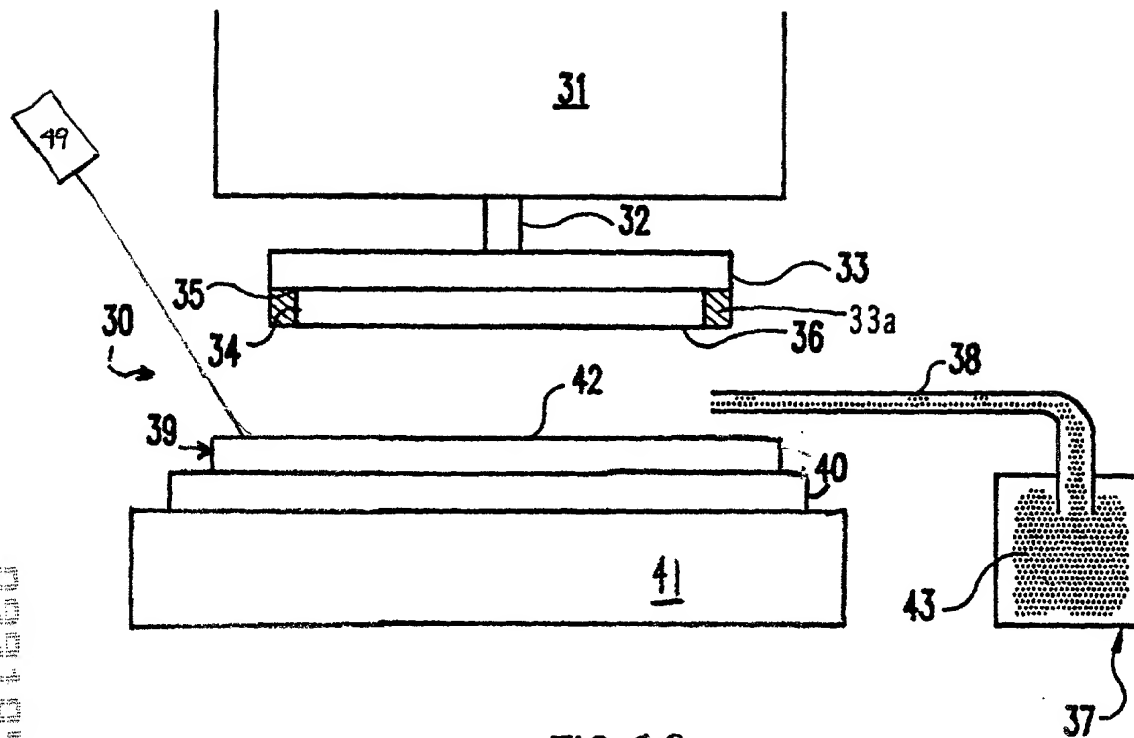


FIG. 20

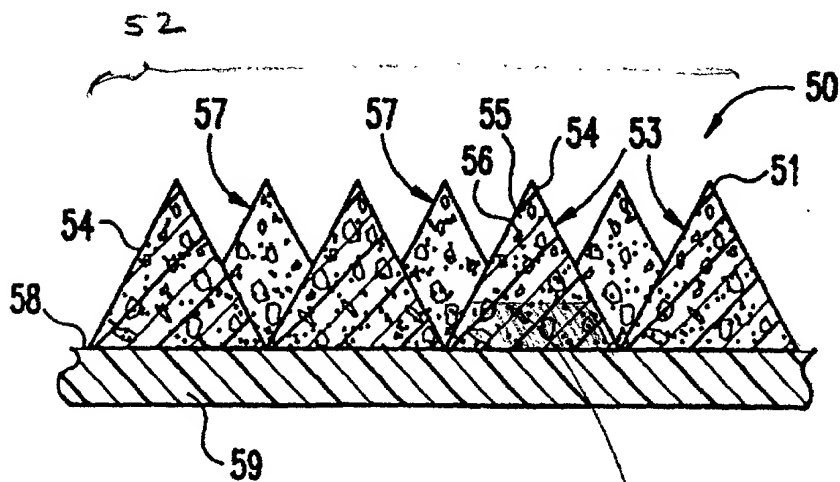


FIG. 13

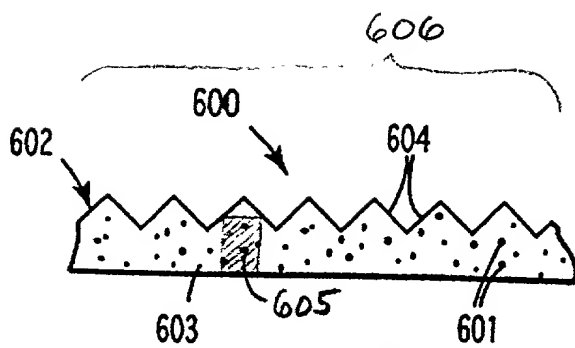


FIG. 14

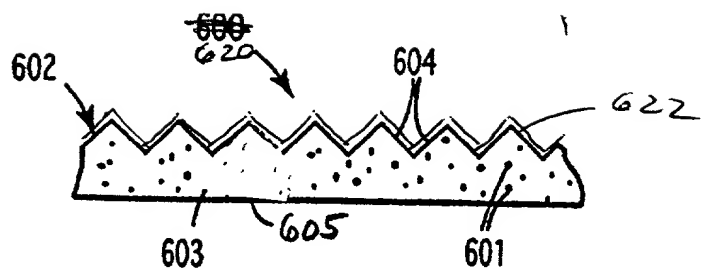
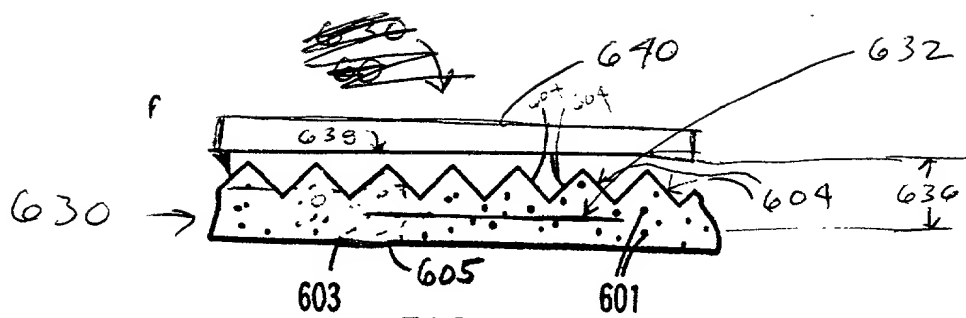
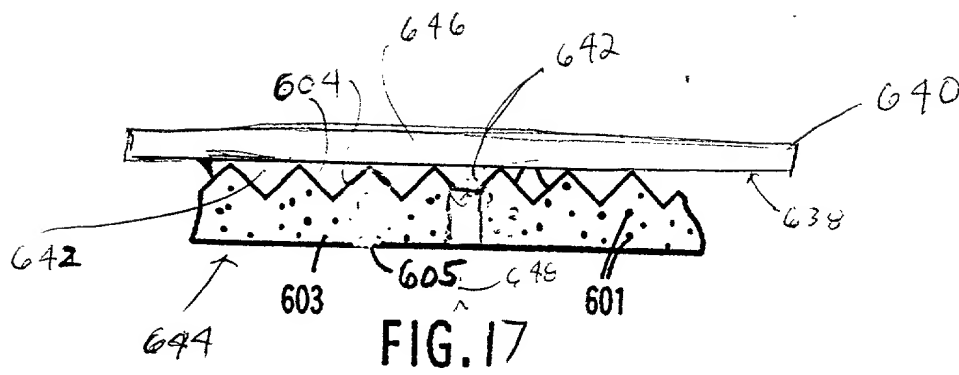


FIG. 15





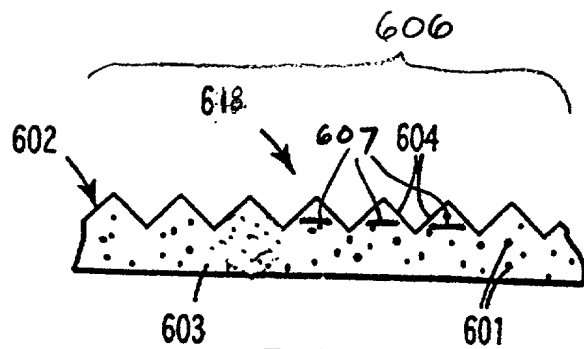


FIG. 18

FIG. 19

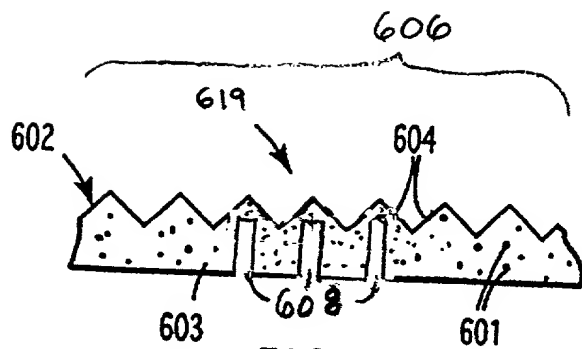


FIG. 19